

Date: Tue, 23 Aug 94 04:30:13 PDT  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #276  
To: Ham-Ant

Ham-Ant Digest                      Tue, 23 Aug 94                      Volume 94 : Issue    276

Today's Topics:

    Grounding of Antenna near base or Elec Gnd?  
        SG-Smartuner  
    Tower base questions

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>  
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Mon, 22 Aug 1994 19:08:28  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!  
sundog.tiac.net!news.sprintlink.net!news.infi.net!infi.net!  
burgess@network.ucsd.edu  
Subject: Grounding of Antenna near base or Elec Gnd?  
To: ham-ant@ucsd.edu

In article <CuyE1F.1wx@world.std.com> barnaby@world.std.com (Richard L Barnaby)  
writes:

>From: barnaby@world.std.com (Richard L Barnaby)  
>Subject: Grounding of Antenna near base or Elec Gnd?  
>Summary: Should I ground near base of antenna?  
>Keywords: ground antenna  
>Date: Mon, 22 Aug 1994 20:24:50 GMT

>I am having a new radio shack built in the basement.  
>(Below ground level)  
>The contractor says he can drive a ground rod horizontally into the  
>foundation (after drilling thru the foundation)  
>Q: Should the placement be near the Electrical ground point,

>or near the base of the tower. Distance is about 20 feet  
>apart or less.

>Q: If the rod is only 2 feet below the ground, but is horizontally  
>installed 6 feet, is this satisfactory?

Rod should run vertical to provide enough depth.  
I have seen case's where the ground rod was run through concret like you are  
considering doing that when hit by lightning the concrete turned to power  
completely destroying quite a large chunk of foundation.

>Q: If i leave 6" of  
the actual ground rod in the shack, and>8" of the rod is in the foundation,  
will I need to get a>longer rod?

>TIA  
>Barnaby barnaby@world.std.com (AA1IB)

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Date: Mon, 22 Aug 1994 17:23:29 GMT  
From: newsflash.concordia.ca!CC.UMontreal.CA!IRO.UMontreal.CA!clouso.crim.ca!  
hobbit.ireq.hydro.qc.ca!barde!vaillan@uunet.uu.net  
Subject: SG-Smartuner  
To: ham-ant@ucsd.edu

In article nun@kantti.Helsinki.FI, mjokinen@cc.Helsinki.FI (Matti Jokinen) writes:

>QST reported the SG-230 Smartuner to be a good choice for an automatic  
>tuner. I am thinking of using it with an IC-735 rig and 15' backstay  
>longwire as the antenna in a sailing boat. Does anyone has experiences  
>of a similar installation or of that tuner in general?

>  
>-----  
>Matti Jokinen  
>Institute of Dentistry  
>University of Helsinki  
>Matti.Jokinen@helsinki.fi  
>-----  
>

I am talking every night to VE2AEY who is maritime mobile in the St-Laurent Gulf.  
He has exactly this setup. Even the radio is an Icom 735. He should be back to  
work here next week. You can then write to him: houlej@ireq.hydro.qc.ca

This setup works very well!

Gook Luck

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Clement Vaillancourt,		Institut de Recherche d'Hydro-Quebec
Analyste,		Vareennes, P. Quebec, Canada, J3X 1S1
Informatique scientifique		Tel:+1 514 652 8238 Fax:+1 514 652 8309
vaillan@ireq.hydro.qc.ca		Radio-amateur: VE2HQJ@VE2CRL.PQ.CAN.NA

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Date: Mon, 22 Aug 94 16:19:01 PDT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!  
news.umbc.edu!eff!news.kei.com!ssd.intel.com!chnews!news@network.ucsd.edu  
Subject: Tower base questions  
To: ham-ant@ucsd.edu

Be sure to use rebar to reinforce your concrete. Square grids across  
the length/width of the hole, 1/3 from the bottom, and again 1/3 from the top.

Tom WB7ASR...

In article <33b70h\$4ac@agate.berkeley.edu>, <ron@etch-eshop.Berkeley.EDU>  
writes:

> I'm getting ready too put up a 40 ft tower. Can any one give me  
> some advise on the mixing of concrete ? I've never done anything  
> like this.  
>  
> Should I purchase it already mixed and delivered or would buying  
> ready mix be good enough ? Just add water and stir!  
>  
> Thanks,  
>  
> Ron Viegelaahn, KE6GLZ  
>  
> ron@etcheshop.Berkeley.EDU  
>

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Date: 22 Aug 1994 11:18:26 -0700  
From: swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!  
zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!  
ornews.intel.com!ornews.@ihnp4.ucsd.edu  
To: ham-ant@ucsd.edu

References <6e.1661.719.0N666898@cencore.com>, <332quu\$11h@ornews.intel.com>,  
<338k0f\$9i0@yuma.ACNS.ColoState.EDU>c  
Subject : Re: Publishing (was Re: Does 73 Magazine have

In article <338k0f\$9i0@yuma.ACNS.ColoState.EDU> galen@picea.CFNR.ColoState.EDU

(Galen Watts) writes:

>You forgot Internet. Publish it here. No editors!  
>Maybe fax diagrams to those who want them.

Who owns the rights to the articles that were published in Ham Radio magazine?  
What if someone scanned them in and posted them?

Obligatory antenna stuff:

My latest 2 meter antenna is a folded dipole, 38.75" X 1.5" of .25" aluminum.  
Matched with a 1/2 wave balun of RG-11 and then fed through about 100' of  
3/4 CATV hardline to a homemade 13" 1/4 wave coax transformer made of 3/4"  
copper tubing and 5/16" brass tube to get 62 ohms.  
The antenna is mounted 1/4 wave out from a mast strapped onto a 70' tree.  
This antenna beats the Ringo Ranger, the Isopole, the J-pole, and all the  
other unbalanced things. Next I will add another dipole and a phasing  
harness made of RG-62 to add 3db more gain.

--

zardoz@ornews.intel.com WA7LDV  
I speak only for myself.

Leave it to the BEAVER state  
<<< OREGON >>>

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End of Ham-Ant Digest V94 #276  
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